

**INTRODUCTION:**

Adam Tech ICS Series IC Sockets are a low profile design available in single or dual row on .100" centerline pin spacing with .300" or .600" row spacing. Our ISD Series is a fine pitch socket on .070" centerlines with .300" or .600" row spacing. All Adam Tech sockets are manufactured with our exclusive single beam dual wipe contact design which produces a high pressure wiping action for superior connectivity. In addition to an internal contact stop which prevents over stressing of the contact, each has a wide lead in to eliminate mis-mating and a closed bottom anti-solder wicking design.

**FEATURES:**

- High Pressure Contacts
- Single Beam, Dual Wipe Contacts
- Anti-Solder Wicking design
- Machine Insertable
- Single or Dual Row
- Low Profile

**MATING COMPONENTS:**

All industry standard components with SIP or DIP leads

**SPECIFICATIONS:**

**Material:**

Standard insulator: PBT, Glass reinforced, rated UL94V-0  
 Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0  
 Insulator Color: Black  
 Contacts: Phosphor Bronze

**Contact Plating:**

Tin over copper underplate overall

**Electrical:**

Operating voltage: 250V AC max.  
 Current rating: 1 Amp max.  
 Contact resistance: 20 mΩ max. initial  
 Insulation resistance: 5000 MΩ min.  
 Dielectric withstanding voltage: 1000V AC for 1 minute

**Mechanical:**

Insertion force: 11.5 oz max with .024" X .006" leads  
 Withdrawal force: 0.85 oz min with .024" X .006" leads

**Temperature Rating:**

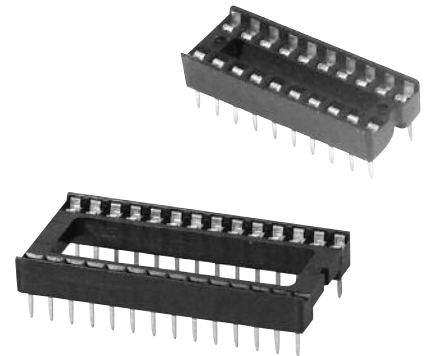
Operating temperature: -55°C to +105°C  
 Soldering process temperature:  
     Standard insulator: 235°C  
     Hi-Temp insulator: 260°C

**PACKAGING:**

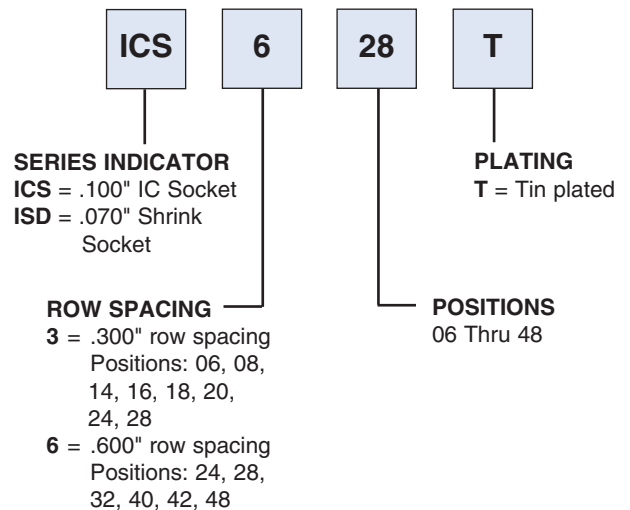
Anti-ESD plastic tubes

**SAFETY AGENCY APPROVALS:**

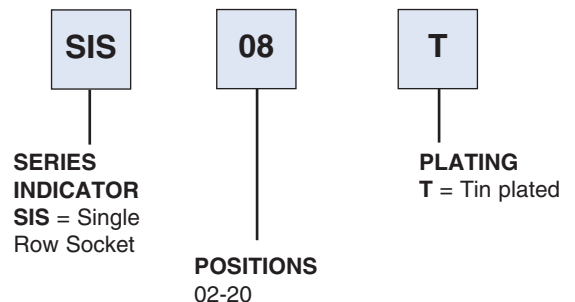
UL Recognized File No. E224053  
 CSA Certified File No. LR1578596



**ORDERING INFORMATION**  
**IC SOCKETS**



**ORDERING INFORMATION**  
**SINGLE ROW SOCKETS**



**OPTIONS:**

Add designator(s) to end of part number  
**OF** = Open Frame without center bar  
**HT** = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C